

Web Images Video News Maps Gmail more ▾

Sign in

Google

simulate mechatronic continuous discrete



Advanced Search
Preferences

New! View and manage your web history

Web Results 1 - 10 of about 188,000 for simulate mechatronic continuous discrete. (0.14 seconds)

Event-based Simulation of Mixed Continuous and Discrete ...

Event-based **Simulation** of Mixed **Continuous** and **Discrete** (Make Corrections) ... 0.6:

Description and **Simulation** of Hybrid **Mechatronic** Systems - Naumann, ...

citeseer.ist.psu.edu/519913.html - 16k - [Cached](#) - [Similar pages](#)

Integrating Continuous and Discrete Models with Object Oriented ...

When we build **simulation** models and construct dynamical models for ... **mechatronic** systems combine both **continuous** time phenomena and **discrete** events, ...

citeseer.ist.psu.edu/8236.html - 24k - [Cached](#) - [Similar pages](#)

[[More results from citeseer.ist.psu.edu](#)]

[PDF] Simulation Of Hybrid Mechatronic Systems: A Case Study ...

File Format: PDF/Adobe Acrobat

Hybrid **Mechatronic** Systems consisting. of. **continuous** and. **discrete** system parts put special requirements. on. the spec-. ification and **simulation** ...

ieeexplore.ieee.org/iel3/4458/12639/00581874.pdf?arnumber=581874 - [Similar pages](#)

[PDF] Simulation self optimizing mechatronical systems with expert ...

File Format: PDF/Adobe Acrobat

existing design and **simulation**. framework. for **mechatronic**. systems. Those values will be send to the **continuous-discrete** ...

ieeexplore.ieee.org/iel5/9768/30807/01426858.pdf - [Similar pages](#)

[[More results from ieeexplore.ieee.org](#)]

Simulation of hybrid mechatronic systems: a case study

Hybrid **mechatronic** systems consisting of **continuous** and **discrete** system parts place special requirements on the specification and **simulation** techniques. ...

csdl.computer.org/comp/proceedings/ecbs/1997/7889/00/78890256abs.htm - [Similar pages](#)

Modeling and Simulation Methods for Design of Engineering Systems ...

Because **mechatronic** systems combine both **continuous** time phenomena and **discrete** events, they require mixed **continuous-discrete** models . Several **simulation** ...

link.aip.org/link/?JCISB6/1/84/1 - [Similar pages](#)

Two-Degree-of-Freedom Optimal Preview Tracking Control: A ...

Many **mechatronic** systems are modeled as a linear **continuous** ... and is given by Note that the generalized plant contains both **continuous** and **discrete** parts. ...

link.aip.org/link/?JDSMAA/124/704/1 - [Similar pages](#)

Software on Bond graph - The System Modeling World

It is a low-cost **simulation** software for **discrete** event and **continuous** It is suited for multi-domain modeling, for example, **mechatronic** models in ...

www.bondgraph.info/software.html - 30k - [Cached](#) - [Similar pages](#)

The Role Of Computers in Mechatronics

They model, analyze, and **simulate** **mechatronic** systems and components and, ... to **discrete** form, the flow of information will still be **continuous** through the ...

doi.ieeeecomputersociety.org/10.1109/MCISE.2003.1182966 - [Similar pages](#)

[PS] Gilles MONCELET , Søren CHRISTENSEN , Hamid DEMMOU , Mario ...


[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

[Ad](#)
[Sc](#)
[Sc](#)

Scholar All articles - **Recent articles** Results 1 - 10 of about 16,900 for **simulate control continuou:**

All Results

[M Branicky](#)
[V Borkar](#)
[S Mitter](#)
[M Johansson](#)
[A Rantzer](#)

[An overview of **hybrid** simulation phenomena and their support by simulation packages - all 10 versions »](#)

PJ Mosterman - **Hybrid Systems: Computation and Control**, 1999 - Springer

... Though individually the **continuous** and **discrete** formalisms can be treated well ... with variable step size and error **control** such as ... 3 **Hybrid Simulation Phenomena** ...

Cited by 70 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[A unified framework for **hybrid control**: model and optimal control theory - all 17 versions »](#)

MS Branicky, VS Borkar, SK Mitter - **Automatic Control**, IEEE Transactions on, 1998 - [ieeexplore.ieee.org](#)

... This is accomplished by 1) "**simulating**" or "embedding" the ... field that generally depends on , the **continuous** component of the **control** policy, and the ...

Cited by 366 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[\[book\] Universal Computation and Other Capabilities of **Hybrid** and **Continuous** Dynamical Systems - all 7 versions »](#)

MS Branicky, Center for Intelligent **Control** ... - 1993 - [hpds1.mit.edu](#)

... In this paper, we explore the **simulation** and computational ... models of **hybrid** systems in the **control** and dynam ... ODEs with **continuous** vector fields (**continuous** ODEs ...

Cited by 85 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[Languages and applications in **hybrid** modelling and simulation: Positioning of Chi - all 5 versions »](#)

DA van Beek, JE Rooda - **Control Engineering Practice**, 2000 - [se.wtb.tue.nl](#)

... a causal, block diagram based modelling and **simulation** environment for the development of **control** systems ... simulator may switch to a **continuous** phase before ...

Cited by 42 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

[Hybrid Control Systems: An Introductory Discussion to the Special Issue - all 2 versions »](#)

PJ Antsaklis, A Nerode - **Automatic Control**, IEEE Transactions on, 1998 - [ieeexplore.ieee.org](#)

... analysis results (verification) and **simulation** methodologies ... combine concepts from **continuous control** systems described ... and from supervisory **control** of **discrete** ...

Cited by 63 - [Related Articles](#) - [Web Search](#)

[Multiple Lyapunov functions and other analysis tools for switched and **hybrid** systems - all 11 versions »](#)

MS Branicky - **Automatic Control**, IEEE Transactions on, 1998 - [ieeexplore.ieee.org](#)

... essentially conjectured Theorem 2.3 in the **continuous**-time setting ... IEEE TRANSACTIONS

ON AUTOMATIC **CONTROL**, VOL ... 7, and 8 were produced by the **simulation** tool

Omsim ...

Cited by 649 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Differential Petri nets: representing **continuous** systems in a discrete-event](#)



[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

simulate mechanical control software continuo

[Search](#)

[Advanced Scholar Search](#)
[Scholar Preferences](#)
[Scholar Help](#)

Scholar [All articles](#) - [Recent articles](#) Results 1 - 10 of about 10,900 for [simulate mechanical contr](#)

All Results

[H Elmqvist](#)

[M Otter](#)

[F Cellier](#)

[S Mattsson](#)

[S Sastry](#)

[\[PS\] Object-oriented modeling of **hybrid** systems - all 11 versions »](#)

H Elmqvist, FE Cellier, M Otter - Proceedings of European Simulation Symposium, ESS'93, 1993 - [www-er.robotic.dlr.de](#)

... a fully{ supported commercial **software** tool (Elmqvist ... A **continuous system** modeling methodology that does not ... constructs in today's **simulation** languages such ...

[Cited by 88](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Evolution of **Continuous**-Time Modeling and Simulation - all 8 versions »](#)

KJ Åström, H Elmqvist, SE Mattsson - Proceedings of the 12th European Simulation Multiconference ..., 1998 - [terasoft.com](#)

... 00 Lund, Sweden E-mail: [SvenErik@control.LTH.se](#) ... The **mechanical** differential analyzer

developed by Van- nevar ... general purpose tool to **simulate** dynamical **systems** ...

[Cited by 43](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Modeling and simulation methods for design of engineering systems. - all 12 versions »](#)

R Sinha, C Paredis - Journal of Computing and Information Science in Engineering(..., 2001 - [www-2.cs.cmu.edu](#)

... This results in a complete design and **simulation** environment in which ... **Control Systems**. ...

degree of interaction with the electrical and **mechanical** components in ...

[Cited by 26](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Languages and applications in **hybrid** modelling and simulation: Positioning of Chi - all 5 versions »](#)

DA van Beek, JE Rooda - Control Engineering Practice, 2000 - [se.wtb.tue.nl](#)

... University of Technology, Department of **Mechanical** Engineering, PO ... **simulation** and real-time **control** of discrete ... The **simulation** can read input data from ASCII ...

[Cited by 42](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

[Software for simulation of combined **continuous** and discrete systems: a state-of-the-art review](#)

TI Oren - SIMULATION, 1977 - [sim.sagepub.com](#)

... After receiving his MS degree in **mechanical** engineering from ... of-the-art review of **software** for combined ... CLASS Composite Language Approach for **System Simulation** ...

[Cited by 10](#) - [Related Articles](#) - [Web Search](#)

[The d/dt tool for verification of **hybrid** systems - all 5 versions »](#)

E Asarin, T Dang, O Maler - Computer Aided Verification, LNCS - Springer

... to include the analysis in a **simulation** fashion, that ... On **Hybrid Control** of Under-actuated **Mechanical Systems**, HSCC, 77 ... on Decision and **Control**, 2867-2874, 2001. ...

[Cited by 34](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Modelica-a language for physical **system** modeling, visualization and interaction - all 9 versions »](#)